IN THE CLAIMS:

Please amend Claim 46 and add new Claims 52 and 53, as follows:

Claims 1-43 (Cancelled).

44. (Previously Presented) A process for the preparation of a recording medium comprising applying on a base material or adding into a slurry containing a fibrous material in a paper making process, a dispersion of an alumina hydrate having an average pore radius of 20 to 200 Å and a half breadth of pore radius distribution of 20 to 150 Å.

45. (Previously Presented) A process for the preparation of a recording medium comprising applying on a base material or adding into a slurry containing a fibrous material in a paper making process, a dispersion of an alumina hydrate having peaks located at smaller than 100 Å and within a range of from 100 to 200 Å in pore radius distribution.

46. (Currently Amended) A process for the preparation of a recording medium comprising applying on a base material or adding into a slurry containing a fibrous material in a paper making process, a dispersion of an alumina hydrate, wherein the alumina hydrate contains ~~containing~~ 0.01 to 1.00 % by weight of titanium dioxide.

47. (Previously Presented) The process according to any one of claims 44, 45 or 46, wherein the alumina hydrate contains 0.1 to 1.0 % by weight of nitrate anion.

48. (Previously Presented) The process according to either of claims 45 or 46, wherein the alumina hydrate has an average pore radius of 20 to 200 Å and a half breadth of pore radius distribution of 20 to 150 Å.

49. (Previously Presented) The process according to either of claims 44 or 46, wherein the alumina hydrate has peaks located at smaller than 100 Å and within a range of from 100 to 200 Å in pore radius distribution.

50. (Previously Presented) The process according to any one of claims 44, 45 or 46, wherein the dispersion is applied on a base material at a rate within a range of from 0.5 to 60 g/m^2 in a dried state.

51. (Previously Presented) The process according to any one of claims 44, 45 or 46, wherein the dispersion is applied on a base material at a rate within a range of from 5 to 45 g/m^2 in a dried state.

52. (New) A process for the preparation of a recording medium comprising applying on a base material or adding into a slurry containing a fibrous material in a paper making process, a dispersion of an alumina hydrate, wherein the alumina hydrate contains 0.01 to 1.00% by weight of an oxide of a metal.

53. (New) The process according to claim 52, wherein the metal is selected from the group consisting of magnesium, calcium, strontium, barium, zinc, boron,

silicon, germanium, tin, lead, zirconium, indium, phosphorus, vanadium, niobium, tantalum, chromium, molybdenum, tungsten, manganese, iron, cobalt, nickel and ruthenium.